

To: Technology Center: 2138  
 Facsimile Number: 571-273-8300

From: Abdul Zindani  
 Texas Instruments Incorporated  
 Facsimile: 972-917-4418  
 Phone: 972 917-5137

Total Pages Sent: 8  
**RECEIVED**  
**CENTRAL FAX CENTER**

**APR 03 2006**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

Gordhan Barevadia	Docket No.: TI-36281
Serial No: 10/667,879	Art Unit: 2138
Filed: 09/22/2003	Examiner: Phung M. Chung
Customer No.: 23494	Conf. No.: 1157

**Title: Mechanism to Enhance Observability of Integrated Circuit Failures During Burn-In Tests**

**CERTIFICATION OF FACSIMILE TRANSMISSION**

I hereby certify that the following papers are being transmitted by facsimile to the U.S. Patent and Trademark Office at 571-273-8300 on the date shown below:

*Marianna Smith*  
 Marianna Smith

*4-3-06*  
 Date

**FACSIMILE COVER SHEET**

<input checked="" type="checkbox"/> <b>FACSIMILE COVER SHEET</b> <input type="checkbox"/> NEW APPLICATION <input type="checkbox"/> DECLARATION (# Pages) <input type="checkbox"/> ASSIGNMENT (# Pages) <input type="checkbox"/> FORMAL DRAWINGS <input type="checkbox"/> INFORMAL DRAWINGS <input type="checkbox"/> CONTINUATION APPN (# Pages) <input type="checkbox"/> DIVISIONAL APPN	<input checked="" type="checkbox"/> AMENDMENT 111 (7 Pages) <input type="checkbox"/> EOT (# Page) <input type="checkbox"/> NOTICE OF APPEAL (# Pages) <input type="checkbox"/> APPEAL (# Pages) <input type="checkbox"/> ISSUE FEE (# Pages) <input type="checkbox"/> REPLY BRIEF (IN TRIPPLICATE) (# Pages)
<b>NAME OF INVENTOR(S):</b> Gordhan Barevadia	
<b>TITLE OF INVENTION:</b> Mechanism to Enhance Observability of Integrated Circuit Failures During Burn-In Tests	
<b>FILE NO.:</b> TI-36281 <b>DEPOSIT ACCT. NO.:</b> 20-0668	
<b>FAXED:</b> 4/3/2006 <b>DUE:</b> 4/24/2006 <b>ATTY/SEC'Y:</b> AZ/ms	

This facsimile is intended only for the use of the address named and contains legally privileged and/or confidential information. If you are not the intended recipient of this telecopy, you are hereby notified that any dissemination, distribution, copying or use of this communication is strictly prohibited. Applicable privileges are not waived by virtue of the document having been transmitted by Facsimile. Any misdirected facsimiles should be returned to the sender by mail at the address indicated on this cover sheet.

Texas Instruments Incorporated  
 PO Box 655474, M/S 3999  
 Dallas, TX 75265

APR 03 2006

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

	Gordhan Barevadia	Docket No.:	TI-36281
Serial No.:	10/667,879	Art Unit:	2138
Filed:	09/22/2003	Examiner:	Phung M. Chung
Customer No.:	23494	Conf. No.:	1157

Title: Mechanism to Enhance Observability of Integrated Circuit Failures During Burn-In Tests

## CERTIFICATION OF FAX TRANSMITTAL

I hereby certify that the above correspondence is being facsimile transmitted to the United States Patent and Trademark Office on

*Marianna Smith* 4-3-06  
Marianna Smith Date

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

AMENDMENT PURSUANT TO 37 CFR 1.111

Dear Sir:

This amendment is in response to the Office Action dated January 24, 2006, having a statutory period for response set to expire on April 24, 2006.

**Amendments to the Specification begin on page 2.****Amendments to Claims begin on page 3.****Remarks/Arguments begin on page 6.**

TI-36281 - 1 -